

Bernalillo County 2012 Bond Cycle
Umbrella Projects Public Service Criteria

Paving Unpaved Roads Public Service Criteria	Basic Explanation of Analysis Methods, Comments, etc...	Data source used to obtain Raw Data Value. E.g. list actual data files used to obtain Household counts, etc...
County Households Served (CHS)	GIS Analysis based on Unpaved Roads Buffer's intersection with Assessor data based on \$15K+ structure value.	Assessor Parcel Database 2012 and the 75' Unpaved Roads Buffer of Road Inventory.
Work Orders per ERP Road Segment	SAP data is queried to produce a report of Work Orders by ERP road segment. This data is then brought into Excel where a macro is used to exclude certain types of work orders (e.g. we do not count trimming tree branches) and coalesce the data into a usable report.	Export of SAP T-code IW65 and custom Excel macros (template file: RoadInventory_2012_Counts_of_Valid_WorkOrders_1-1-2010-12-31-2011.xlsm)
School Bus Route Count	GIS Analysis based on Unpaved Roads Buffer's intersection with APS School Bus Routes.	In addition to the 75' Unpaved Roads Buffer of Road Inventory, APS School Bus Routes.

Repaving without Increased Capacity Public Service Criteria	Basic Explanation of Analysis Methods, Comments, etc...	Data source used to obtain Raw Data Value. E.g. list actual data files used to obtain Household counts, etc...
County Households Served (CHS)	GIS Analysis based on Paved Roads Buffer's intersection with Assessor data based on \$15K+ structure value.	Assessor Parcel Database 2012 and the 75' Paved Roads Buffer of Road Inventory.
Work Orders per ERP Road Segment	SAP data is queried to produce a report of Work Orders by ERP road segment. This data is then brought into Excel where a macro is used to exclude certain types of work orders (e.g. we do not count trimming tree branches) and coalesce the data into a usable report.	Export of SAP T-code IW65 and custom Excel macros (template file: RoadInventory_2012_Counts_of_Valid_WorkOrders_1-1-2010-12-31-2011.xlsm)
Remaining Service Life (RSL) per ERP Road Segment	The Operation and Maintenance Department maintains a database used to calculate the Remaining Service Life of all ERP road segments based on field investigations of various road condition parameters. This database is then queried to produce a report of RSL values by ERP road segment.	Export of RSL values from IWORQ website (http://www.iworq.com/) and custom Excel macros (template file: Create_Unique_RSL_From_IWORQ_05-21-2012.xlsm)
School Bus Route Count	GIS Analysis based on Paved Roads Buffer's intersection with APS School Bus Routes.	In addition to the 75' Paved Roads Buffer of Road Inventory, APS School Bus Routes.
Road Functional Classification per ERP Road Segment	GIS Analysis based on Paved Roads Buffer's intersection with Road Inventory, used to identify the Functional Classification per ERP Road Segment.	In addition to the 75' Paved Roads Buffer of Road Inventory, Road Inventory.